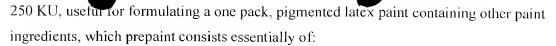
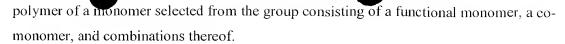


- 1. A set of different, but mutually compatible fluid prepaints, sufficient to form at least one paint line, which set comprises:
 - (i) at least one opacifying prepaint comprising at least one opacifying pigment;
 - (ii) at least one extender prepaint comprising at least one extender pigment; and
 - (iii) at least one binder prepaint comprising at least one latex polymeric binder.
- 2. The set of prepaints of claim 1, wherein the number of prepaints is from 3 to 15.
- 3. The set of prepaints of claim 1, wherein the opacifying prepaint further comprises at least one particulate polymeric binder adsorbed onto the opacifying pigment.
- 4. The sct of prepaints of claim 1, wherein the extender prepaint further comprises at least one particulate polymeric binder absorbed onto the extender pigment.
- 5. A method of forming at least one paint line, comprising the steps of:
 - (a) providing a set of different, but mutually compatible, fluid prepaints, comprising:
 - (i) at least one opacifying prepaint, comprising at least one opacifying pigment;
 - ii) at least one extender prepaint comprising at least one extender pigment; and
 - (iii) at least one binder prepaint comprising at least one latex polymeric binder; and
 - (b) dispensing a predetermined amount of each of the prepaints into containers or applicator(s) to form the paint line.
- 6. A method of forming a range of paints, the range comprising at least two paint lines, which method comprises the steps of:
 - (a) providing a set of different, but mutually compatible, fluid prepaints sufficient to formulate at least two paint lines, which set comprises:
 - (i) at least one opacifying prepaint comprising at least one opacifying pigment;
 - (ii) at least one extender prepaint comprising at least one extender pigment;
 - (iii) at least one binder prepaint comprising at least one latex polymeric binder; and
 - (iv) at least one additional, different opacifying, extender, or binder prepaint selected from the group consisting of (i), (ii), and (iii); and
 - (b) dispensing a predetermined amount of each of the prepaints into containers or applicator(s) to form the range of paints.
- 7. The method of claim 5, further comprising the step of mixing the prepaint before, while, or after they are dispensed into the containers.
- 8. The method of claim 5, further comprising the step of mixing the prepaint before or while they are dispensed into the applicator(s).

- 9. The method of claim 5, further comprising the step of adjusting the viscosity of the prepaints before, while, or after they are into the containers.
- 10. The method of claim 5, further comprising the step of adjusting the viscosity of the dispensed prepaints before or while they are dispensed into the applicator(s).
- 11. The method of claim 5, further comprising the step of adding at least one additive that enhances application or final performance of the paint.
- 12. The method of claim 11, wherein the additive is on aggregate material.
- 13. The method of claim 11, wherein the additive is a thickener.
- 14. The method of claim 5, further comprising the step of adding at least one colorant to the prepaints.
- 15. The method of claim 5, wherein the opacifying prepaint further comprises at least one particulate polymeric binder absorbed onto the opacifying pigment.
- 16. The method of claim 5, wherein the extender prepaint further comprises at least one particulate polymeric binder absorbed onto the extender pigment.
- 17. The method of claim 5, wherein the method is carried out at a paint manufacturing facility.
- 18. The method of claim 5, wherein the method is carried out at a point-of-sale.
- 19. The method of claim 5, wherein the method is carried out at a point-of-use.
- 20. The method of claim 5, wherein the method is controlled by a computer.
- 21. The method of claim 5, wherein the number of prepaints is from 4 to 15.
- 22. A fluid opacifying prepaint useful for formulating a one pack, pigmented latex paint having a volume solids content of about 30% to about 70% and a Stormer viscosity of about 50 to about 250 KU, which prepaint contains other paint ingredients, which prepaint consists essentially of:
 - (i) at least one opacifying pigment,
 - (ii) at least one dispersant,
 - (iii) at least one thickener, and
 - (iv) water;
 - wherein the dispersant(s) and the thickener(s) are mutually compatible with the pigment(s) and with the other paint ingredients.
- 23. The prepaint of claim 22, wherein the volume solids content is about 35% to about 50% and the Stormer viscosity is about 60 to about 150 KU.
- 24. A fluid white opacifying prepaint having a volume solids content of about 30% to about 70%, a PVC of about 35% to about 100%, and a Stormer viscosity of about 50 to about



- (i) at least one opacifying pigment,
- (ii) at least one dispersant,
- (iii) at least one thickener,
- (iv) at least one film-forming or non-film-forming polymer, and
- (v) water; wherein the dispersant(s), the thickener(s), and the polymer(s) are compatible with the pigment(s) and with the other paint ingredients and wherein the prepaint is stable to sedimentation.
- 25. The prepaint of claim 24, wherein the volume solids content is about 35% to about 50%, the PVC is about 50 to about 100%, and the Stormer viscosity is about 60 to about 150 KU.
- 26. The prepaint of claim 24, wherein the polymer is adsorbed onto the opacifying pigment.
- 27. The prepaint of claim 22 or 24, wherein the opacifying pigment is a material selected from the group consisting of titanium dioxide, zinc oxide, lead oxide, a synthetic polymer pigment, and mixtures thereof.
- 28. The prepaint of claim 22 or 24, wherein the opacifying pigment is rutile titanium dioxide.
- 29. The prepaint of claim 27, wherein the synthetic polymer pigment is voided latex polymer particles.
- 30. The prepaint of claim 22 or 24, wherein the dispersant is a selected from the group consisting of 2-amino-2-methyl-1-propanol; dimethylaminoethanol; potassium tripolyphosphate; trisodium polyphosphate; citric acid; polyacrylic acid; diolefin/malcic anhydride adducts; hydrophobically-modified polyacrylic acid, hydrophilically-modified polyacrylic acid, and salts thereof; and mixtures thereof.
- 31. The prepaint of claim 22 or 24, wherein the thickener is a selected from the group consisting of an alkali-soluble or alkali-swellable emulstion (ASE), a hydrophobically-modified, alkali-soluble emulstion (HASE), a hydrophobically-modified ethylene oxide-urethane polymer (HEUR), a cellulosic, a hydrophobically-modified cellulosic, a hydrophobically-modified polyacrylamide, a polyvinyl alcohol, a fumed silica, an attapulgite clay, a titanate chelating agent, and mixtures thereof.
- 32. The prepaint of claim 24, wherein the polymer is selected from the group consisting of acrylic, polyvinyl acetate, styrene-acrylic, styrene-butadienc, vinyl acetate-acrylic, ethylene-vinyl acetate, vinyl acetate-vinyl wersatate, vinyl acetate-vinyl malcate, vinyl acetate-vinyl chloride-acrylic, ethylene-vinyl acetate-acrylic polymers and mixtures thereof and wherein the polymer further comprises up to about 10% by weight of the

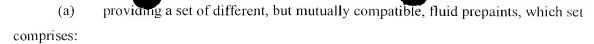


- 33. The prepaint of claim 22 or 24, further consisting essentially of at least one additive selected from the group consisting of an acid, a base, a defoamer, a coalescent, a cosolvent, a mildewcide, a biocide, and an antifreeze agent, with the additive being present in an amount of less than about 10% by weight, based on the total weight of the prepaint.
- 34. A fluid pigment extender prepaint, useful for formulating a one pack, pigmented latex paint containing other paint ingredients, which prepaint consists essentially of (i) at least one mineral extender having a volume solids content of about 30% to about 70%, a PVC of about 35% to about 100%, and a Stormer viscosity of about 50 to about 250 KU;
 - (ii) at least one thickener,
 - (iii) water, and
 - (iv) an optional polymeric binder; wherein the prepaint ingredients are compatible with each other and with the ingredients of the paint.
- 35. A set of two different, but mutually compatible binder prepaints useful for formulating a latex paint, which set comprises:
 - (a) the opacifying prepaint of claim 22 or 24; and
 - (b) a latex polymeric binder prepaint having volume solids content of about 25% to about 70% or a Brookfield viscosity of less than about 100,000 centipoise at a shear rate of 1.25 reciprocal seconds, which prepaint consists essentially of a water-borne latex polymeric binder having a Tg of about <u>-430°C</u> to about 70°C and water;

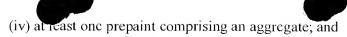
wherein the prepaint ingredients are mutually compatible with each other and with the ingredients of the other prepaint in the set.

- 36. The set of prepaints of claim 35, wherein the binder prepaint has a volume solids content of about 30 to about 65% and a Brookfield viscosity of about 100 to about 50,000 centipoise at a shear rate of 1.25 reciprocal seconds, and consists essentially of a water-borne polymeric binder having a Tg of about -10 to about 60°C.
- 37. The set of prepaints of claim 35, wherein the binder prepaint further consists essentially of at least one additive selected from the group consisting of an acid, a base, a defoamer, a coalescent, a cosolvent, a mildeweide, a biocide, and antifreeze agent, the additive being present in an amount of less than about 10% by weight, based on the total weight of the prepaint.

- 38. A set of three different, but mutually compatible, fluid prepaints, useful for formulating a latex paint, which set comprises:
 - (a) the set of prepaints of claim 35 wherein the extender prepaint has a volume solids content of about 30% to about 70%, a PVC of about 35% to about 100%, and a Stormer viscosity of about 50 to about 250 KU; and
 - (b) a fluid pigment extender prepaint which consists essentially of:
 - (i) at least one mineral extender,
 - (ii) at least one thickener,
 - (iii) water, and
 - (iv) optionally a polymerie binder.
- 39. The set of prepaints of claim 38, wherein the extender prepaint has a volume solids content of about 35% to about 65%, a PVC of about 40% to about 100% and a Stormer viscosity of about 60 to about 150 KU.
- 40. The set of prepaints of claim 35, wherein the extender prepaint further consists essentially of at least one additive selected from the group consisting of an aeid, a base, a defoamer, a eoalescent, a eosolvent, a mildeweide, a bioeide and an antifreeze agent with the additive being present in an amount of less than about 20% by weight, based on the total weight of prepaint.
- 41. A paint line produced by a process which comprises the steps of:
 - a. providing a set of different, but mutually compatible, fluid prepaints, which set comprises:
 - (i) at least one opacifying prepaint comprising at least one opacifying pigment,
 - (ii) at least one extender prepaint comprising at least one extender pigment, and
 - (iii) at least one binder prepaint comprising at least one latex polymeric binder; and
 - b. dispensing a predetermined amount of each of the prepaints into containers or applicators to form the paint line.
- 42. A set of different, but mutually compatible, fluid prepaints, sufficient to form at least one paint line useful as an elastomeric coating, which set comprises:
 - (i) at least one opacifying prepaint comprising at least one opacifying pigment;
 - (ii) at least one extender prepaint comprising at least one extender pigment; and
 - (iii) at least one binder prepaint comprising at least one latex polymeric binder having a Tg of less than about 0°C.
- 43. A method of forming at least one paint line useful as an elastomeric coating, which method comprises the steps of:



- (i) at least one opacifying prepaint comprising at least one opacifying pigment;
- (ii) at least one extender prepaint comprising at least one extender pigment; and
- (iii) at least one binder prepaint comprising at least one latex polymer binder having a Tg of less than about 0°C; and
- (b) dispensing a predetermined amount of each of the prepaints into containers or applicators to form the paint line.
- 44. A method of forming a range of paints, the range comprising at least two paint lines useful as an elastomeric coating, which method comprises the steps of:
 - (a) providing a set of prepaints sufficient to formulate at least two paint lines, which set comprises:
 - (i) at least one opacifying prepaint comprising at least one opacifying pigment;
 - (ii) at least one extender prepaint comprising at least one extender pigment;
 - (iii) at least one binder prepaint comprising at least one latex polymeric binder having a Tg of less than about 0°C; and
 - (iv) at least one additional different prepaint selected from the group consisting of (i), (ii), (iii), and (iv); and
 - (b) dispensing a predetermined amount each of the prepaints into containers or applicators to form the range of paints.
- 45. A set of different, but mutually compatible, fluid prepaints sufficient to form at least one paint line useful as a non-cementitious, aggregate finish, which set comprises:
 - (i) at least one opacifying prepaint comprising at least one opacifying pigment;
 - (ii) at least one extender prepaint comprising at least one extender pigment;
 - (iii) at least one binder prepaint comprising at least one latex polymeric binder; and
 - (iv) at least one prepaint comprising an aggregate.
- 46. A method of forming at least one paint line useful as a non-cementitious, aggregate finish, which method comprises the steps of:
 - (a) providing a set of different, but mutually compatible, fluid non-cementitious prepaints, which set comprises:
 - (i) at least one opacifying prepaint comprising at least one opacifying pigment;
 - (ii) at least one extender prepaint comprising at least one extender pigment;
 - (iii) at least one binder prepaint comprising at least one latex polymeric binder; and



- (b) dispensing a predetermined amount of each of the prepaints into containers or applicators to form the paint line.
- 47. A method of forming a range of paints, the range comprising at least two paint lines useful as a non-cementitious, aggregate finishing coating, which method comprises the steps of:
 - (a) providing a set of different fluid, but mutually compatible, non-cementitious prepaints sufficient to formulate at least two paint lines, which set comprises
 - (i) at least one opacifying prepaint comprising at least one opacifying pigment;
 - (ii) at least one extender prepaint comprising at least one extender pigment,
 - (iii) at least one binder prepaint comprising at least one latex polymeric binder,
 - (iv) at least one prepaint comprising an aggregate, and
 - (v) at least one additional different, prepaint selected from the group consisting of
 - (i), (ii), (iii), and (iv); and
 - (b) dispensing a predetermined amount of each of the prepaints into containers or applicators to form the range of paints.
- 48. A set of different, but mutually compatible, fluid prepaints sufficient to formulate at least one paint line useful for forming pigmented and clear coatings, which set comprises:
 - (i) at least one prepaint comprising at least one opacifying pigment; and
 - (ii) at least two prepaints each of which comprises at least one latex polymeric binder.
- 49. A set of different, but mutually compatible, fluid prepaints sufficient to form at least one paint line useful in graphics art applications, which set comprises:
 - (i) at least one prepaint comprising at least one latex polymeric binder having a Tg of about -50°C to about 10°C;
 - (ii) at least one prepaint comprising at least one latex polymeric binder having a Tg of about 50 to about 140°C; and
 - (iii) optionally, at least one prepaint comprising at least one latex polymeric binder having a Tg of about 0°C to about 65°C.
- 50. The set of prepaints of claim 49, which further comprises at least one additional prepaint selected from the group consisting of a prepaint comprising at least one alkali-soluble resin, a prepaint comprising at least one gloss additive, a prepaint comprising at least one wax, and at least one prepaint comprising at least one pigment dispersion.
- 51. A method of forming at least one paint line, which method comprises the steps of:
 - (a) providing the set of prepaints of claim 48, 49 or 50; and .

(b) dispensing a predetermined amount of each of the prepaints into containers or applicators to form the paint line.

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